CLAIMS

I claim:

- 1. A method for treating a depressed skin defect, comprising:
 - (a) applying a vacuum pressure to the depressed skin defect;
- (b) regulating the vacuum pressure within a prescribed range of pressures; and
 - (c) releasing the vacuum pressure after a time interval.
- 2. The method of claim 1 further comprising repeating (a)-(c) one or more times.
- 3. The method of claim 1 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 4. The method of claim 1 wherein the vacuum pressure is regulated at a constant pressure level.
 - 5. The method of claim 1 wherein the depressed skin defect is a scar.
 - 6. The method of claim 1 wherein the depressed skin defect is a wrinkle.

- 7. The method of claim 1 further comprising injecting a bioactive material into the depressed skin defect.
- 8. The method of claim 1 further comprising performing subcision on the depressed skin defect.
- 9. The method of claim 1 further comprising performing laser therapy on the depressed skin defect.
- 10. The method of claim 1 further comprising performing chemical peeling, dermabrasion, or other skin resurfacing treatments on the depressed skin defect.
- 11. The method of claim 1 wherein the vacuum pressure is regulated at a pressure sufficient to elevate the depressed skin defect, but less than a pressure that causes damage to tissue surrounding the depressed skin defect.
 - An apparatus for treating a depressed area of skin tissue comprising:
 a vacuum source to generate a vacuum pressure;

an applicator having a first end coupled to the vacuum source and a second end configured with an opening, the depressed area of skin tissue being subjected to the vacuum pressure upon placement of the opening on the depressed area of skin tissue.

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- 13. The apparatus of claim 12 wherein the opening comprises an applicator tip configured to surround the depressed area of skin tissue.
- 14. The apparatus of claim 12 wherein the vacuum pressure is generated by a vacuum pump.
- 15. The apparatus of claim 12 wherein the vacuum pressure is regulated within prescribed range of pressures.
- 16. The apparatus of claim 15 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 17. The apparatus of claim 12 wherein the vacuum pressure is released after a time interval.
- 18. The apparatus of claim 12 wherein the applicator may be removeably attached to the vacuum source.
- 19. The apparatus of claim 12 wherein the applicator is attached to the vacuum source by an air-tight seal at a prescribed range of vacuum pressure.
- 20. The apparatus of claim 12 wherein the opening of the applicator is designed to match the shape and size of the depressed area of skin tissue to be treated.

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- 21. The apparatus of claim 12 wherein the depressed area of skin tissue to be treated is a scar.
- 22. The apparatus of claim 12 wherein the depressed area of skin tissue to be treated is a wrinkle.
- 23. The apparatus of claim 12 wherein the apparatus is used as an adjunct to injection of bioactive material into the depressed area of skin tissue.
- 24. The apparatus of claim 12 wherein the apparatus is used as an adjunct to subcision on the depressed area of skin tissue.
- 25. The apparatus of claim 12 wherein the apparatus is used as an adjunct to laser therapy on the depressed area of skin tissue.
- 26. The apparatus of claim 12 wherein the apparatus is used as an adjunct to chemical peeling, dermabrasion, or other skin resurfacing treatments.
 - 27. A method for treating a depressed skin defect, comprising: applying a vacuum pressure to the depressed skin defect; regulating the vacuum pressure within a prescribed range of pressures; releasing the vacuum pressure after a time interval; and injecting a bioactive material into the depressed skin defect.

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- 28. The method of claim 27 wherein the bioactive material is liquid silicone.
- 29. The method of claim 27 wherein the bioactive material is collagen.
- 30. The method of claim 27 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 31. The method of claim 27 wherein the vacuum pressure is regulated at a constant pressure level.
 - 32. The method of claim 27 wherein the depressed skin defect is a scar.
 - 33. The method of claim 27 wherein the depressed skin defect is a wrinkle.
- 34. The method of claim 27 wherein the vacuum pressure is regulated at a pressure sufficient to elevate the skin defect, but less than a pressure that causes damage to tissue surrounding the skin defect.
 - 35. A method for treating a depressed skin defect, comprising:

 applying a vacuum pressure to the depressed skin defect;

 regulating the vacuum pressure within a prescribed range of pressures;

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releasing the vacuum pressure after a time interval; and performing subcision on the depressed skin defect.

- 36. The method of claim 35 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 37. The method of claim 35 wherein the vacuum pressure is regulated at a constant pressure level.
 - 38. The method of claim 35 wherein the depressed skin defect is a scar.
 - 39. The method of claim 35 wherein the depressed skin defect is a wrinkle.
- 40. The method of claim 35 wherein the vacuum pressure is regulated at a pressure sufficient to elevate the skin defect, but less than a pressure that causes damage to tissue surrounding the skin defect.
 - 41. A method for treating a depressed skin defect, comprising: applying a vacuum pressure to the depressed skin defect; regulating the vacuum pressure within a prescribed range of pressures; releasing the vacuum pressure after a time interval; and performing laser therapy on the depressed skin defect.

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- 42. The method of claim 41 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 43. The method of claim 41 wherein the vacuum pressure is regulated at a constant pressure level.
 - 44. The method of claim 41 wherein the depressed skin defect is a scar.
 - 45. The method of claim 41 wherein the depressed skin defect is a wrinkle.
- 46. The method of claim 41 wherein the vacuum pressure is regulated at a pressure sufficient to elevate the skin defect, but less than a pressure that causes damage to tissue surrounding the skin defect.
- 47. A method for treating a depressed skin defect, comprising:

 applying a vacuum pressure to the depressed skin defect;

 regulating the vacuum pressure within a prescribed range of pressures;

 releasing the vacuum pressure after a time interval; and

 performing chemical peeling, dermabrasion, or other skin resurfacing

 treatments on the depressed skin defect.

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- 48. The method of claim 47 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 49. The method of claim 47 wherein the vacuum pressure is regulated at a constant pressure level.
 - 50. The method of claim 47 wherein the depressed skin defect is a scar.
 - 51. The method of claim 47 wherein the depressed skin defect is a wrinkle.
- 52. The method of claim 47 wherein the vacuum pressure is regulated at a pressure sufficient to elevate the skin defect, but less than a pressure that causes damage to tissue surrounding the skin defect.
 - 53. A method for treating a hypertrophic scar, comprising:
 - (a) applying a vacuum pressure to the hypertrophic scar;
- (b) regulating the vacuum pressure within a prescribed range of pressures; and
 - (c) releasing the vacuum pressure after a time interval.
- 54. The method of claim 53 further comprising repeating (a)-(c) one or more times.

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- 55. The method of claim 53 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 56. The method of claim 53 wherein the vacuum pressure is regulated at a constant pressure level.
- 57. The method of claim 53 further comprising injecting a skin-weakening medicament into the hypertrophic scar.
- 58. The method of claim 57 wherein the skin-weakening medicament is cortisone.
- 59. The method of claim 53 wherein the vacuum pressure is regulated at a pressure sufficient to soften the hypertrophic scar, but less than a pressure that causes damage to tissue surrounding the hypertrophic scar.
 - 60. An apparatus for treating a hypertrophic scar comprising:

a vacuum source to generate a vacuum pressure; and

an applicator having a first end coupled to the vacuum source and a second end configured with an opening, the hypertrophic scar being subjected to the vacuum pressure upon placement of the opening on the hypertrophic scar.

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- 61. The apparatus of claim 60 wherein the opening comprises an applicator tip configured to surround the hypertrophic scar.
- 62. The apparatus of claim 60 wherein the vacuum pressure is generated by a vacuum pump.
- 63. The apparatus of claim 60 wherein the vacuum pressure is regulated within a prescribed range of pressures.
- 64. The apparatus of claim 63 wherein the vacuum pressure is regulated at or above 10 inches Hg and at or below 80 inches Hg.
- 65. The apparatus of claim 60 wherein the vacuum pressure is released after a time interval.
- 66. The apparatus of claim 60 wherein the applicator may be removeably attached to the vacuum source.
- 67. The apparatus of claim 60 wherein the applicator is attached to the vacuum source by an air-tight seal at a prescribed range of vacuum pressure.
- 68. The apparatus of claim 60 wherein the opening of the applicator is designed to match the shape and size of the hypertrophic scar.

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- 69. The apparatus of claim 60 wherein the apparatus is used as an adjunct to injection of a skin-weakening medicament into the hypertrophic scar.
- 70. The apparatus of claim 69 wherein the skin-weakening medicament is cortisone.

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